

**Comprehensive Site Profile (Sum-8)****Sandia National Laboratories - NM - Most Current Actual Data**

Data Sources:    Facility Information Management System - November 2003  
                      EM Corporate - FY 2001 Update  
                      Pollution Prevention - 2002  
                      Materials in Inventory - 1996

Hazard Category Group *	Reported Number of Facilities
Radiological	3
Chemical Hazard	0
Radiological & Chemical Hazard	0
Not Applicable	2,082
No Information Provided	0
<b>Total</b>	<b>2,238</b>

\* For the purposes of the CID, facilities with a "Radiological" Hazard Category Group are broadly defined to include those facilities that meet the definition for either Nuclear Facility Category 1, Nuclear Facility Category 2, Nuclear Facility Category 3, or Radiological Facility as defined in DOE Standard 1027-92. Facilities with a "Chemical Hazard" Hazard Category Group are those that contain quantities of chemicals that exceed the threshold quantity for those chemicals as defined by OSHA's Chemical Process Safety regulation 29 CFR 1910.119, Appendix A. Facilities with a "Radiological and Chemical Hazard" Hazard Category Group are those that meet the Radiological and Chemical Hazard definition. The Hazard Category Group of "Not Applicable" refers to facilities that do not meet either the Radiological or Chemical Hazard definition. "No Information Provided" is listed for a facility when no information pertaining to the Hazard Category Group is available.

**Radioactive Waste Summary - 2000 Actual Data**

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*			Reporting Period Disposition Quantity (m3)*			Ending Inventory (m3)
		New	Process Outputs	Receipts	Treatment	Disposal	Other	
Low Level Waste	599.1000	86.200	3.400	0.000	51.000	138.400	0.000	499.30
Mixed Low Level Waste	151.9910	21.500	1.400	0.000	45.471	40.970	8.800	79.65
Transuranic Waste	36.3000	1.000	0.700	0.200	0.000	0.000	11.000	38.20

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.

\* For Vitrified HLW, quantities are shown in "Number of HLW Canisters."

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

**Ex-Situ Contaminated Media Summary - 2000 Actual Data**

Waste Type	Starting Inventory (m3)*	Reporting Period Additions (m3)*	Reporting Period Dispositions (m3)*			Ending Inventory (m3)*
			Treatment	Disposal	Other	
Low Level Waste	180.0000	16.300	0.000	130.700	0.000	65.6000
Mixed Low Level Waste	3.0000	6.000	0.000	6.300	0.000	2.7000

The management activity of "Other" is calculated by adding the values for NPDES discharges, recycling, other processing, and return to remediation unit.

Material balance may not be reflected in some CID reports for 1999 and 2000 data because inventory adjustments have been incorporated in the Ending Inventories.  
HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

Reported quantities do not include Groundwater or Wastewater.

**Spent Nuclear Fuel Summary - 2000 Actual Data**

Material	SNF Amount to be Managed (MTHM)***				SNF Disposition Activity (MTHM)***			
	Starting Inventory	On-Site Generation	Off-Site Receipts	Total	On-Site Treatment	Ship to other DOE Site for Management/Storage	Ship for Final Disposition	Total
Spent Nuclear Fuel	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

\*\*\* SNF amounts are reported in metric tons of heavy metal (MTHM)

Mass is not conserved (ie. Total SNF Amount to be Managed and Total SNF Final Disposition are not equal) because this report presents data for only one year in the stream lifecycle". The difference between Total SNF to Be Managed and Total SNF Final Disposition is the ending inventory for the current year shown on the report.

**In-Situ Contaminated Media Summary - 2000 Actual Data**

Waste Type	Reporting Year Management Strategy (m3)				Reporting Year Total Volume (m3)
	In-Situ Treatment	In-Situ Containment	Access/ Institutional Controls	No Action	
Mixed Low Level Waste	0.00	2,831.00	0.00	0.00	2,831.00

Reported quantities do not include Groundwater or Wastewater.

HLW generation data in the CID includes waste volumes that are incidental to the reprocessing of HLW.

**Non-Radioactive Hazardous Waste**

Classification	Waste Type	Amount (Metric Tons)
<b>Hazardous</b>	Non Routine RCRA	6.95
	Routine RCRA	25.77
	Non Routine State	4.23
	Routine State	23.22
	Non Routine TSCA	94.57
	Routine TSCA	0.00
<b>Sanitary</b>	Non Routine	15,606.31
	Routine	1,410.22
<b>Total</b>		17,171.27

**Materials in Inventory (1996 Information Only)**

Material Name	Material Category	Material Volume
Lead	Lead	114,363.00 Kilograms
Research Reactor Fuel	Spent Nuclear Fuel	29.00 Kilograms
Research Reactor Fuel	Spent Nuclear Fuel	25.00 Kilograms
Research Reactor Fuel	Spent Nuclear Fuel	1.00 Kilograms
Research & Production Reactor Fuel	Spent Nuclear Fuel	9.00 Kilograms
Research Reactor Fuel	Spent Nuclear Fuel	11.00 Kilograms
Spent Fuel (unspec difference)	Spent Nuclear Fuel	293.00 Kilograms
Strategic Lithium (6Li)	Lithium	24.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	38.00 Kilograms
Normal Uranium	Natural & Enriched Uranium	12.00 Kilograms
Low Enriched Uranium	Natural & Enriched Uranium	85.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	28.00 Kilograms
Highly Enriched Uranium	Natural & Enriched Uranium	13.00 Kilograms
Lead	Lead	68,181.00 Kilograms
Depleted Uranium	Depleted Uranium	6,000.00 Kilograms

Highly Enriched  
Uranium

Natural & Enriched  
Uranium

30.00 Kilograms